



1745

Atty Docket No. 8007-1012  
PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of  
Hiroshi SUMIDA et al.  
Serial No. 09/752,781  
Filed January 3, 2001

Confirmation No. 1396  
GROUP 1745  
Examiner M. Ruthkosky

1613  
9.10.22

MANGANESE DIOXIDE FOR  
LITHIUM PRIMARY BATTERY  
AND PROCESS FOR PRODUCING  
THE SAME

RECEIVED  
SEP 10 2002  
TC 1700 MAIL ROOM

AMENDMENT

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Responsive to the Official Action of June 6, 2002,  
please amend the above-identified application as follows.

IN THE CLAIMS:

Amend claim 3 as follows:

b1  
--3. (amended) A process for producing manganese dioxide with a sodium content of 0.05 to 0.2% by weight for lithium primary batteries, the process consisting essentially of the steps of neutralizing electrolytic manganese dioxide with an aqueous solution containing 2.0 to 5.0g of sodium hydroxide per kg of manganese dioxide and then heating the neutralized manganese dioxide to produce manganese dioxide having a sodium content of 0.05 to 0.2% by weight.--